

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A tuner comprising an input section for converting a radio frequency signal to a sequence in time of amplitude samples [sampled intermediate signal], a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples [of said intermediate signal], a comparator for comparing said amplitude of each of said amplitude samples with said threshold, and a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said threshold, said threshold generator excluding from said average any of said amplitude samples whose amplitude exceeds said threshold.
2. (Currently Amended) A tuner as claimed in claim 1, in which said corrector is arranged to set to zero n consecutive ones of said amplitude samples after each of said amplitude samples whose amplitude is greater than said threshold, where n is a positive integer.
3. (Currently Amended) A tuner as claimed in claim 1, in which said corrector is arranged to set to zero m consecutive ones of said amplitude samples before each of said amplitude samples whose amplitude is greater than said threshold, where m is positive integer.
4. (Original) A tuner as claimed in claim 1, in which said average is a moving average.
5. (Currently Amended) A tuner as claimed in claim 1, in which said threshold is greater than a product of said average and a peak-to-average ratio of said amplitude samples [intermediate signal].
6. (Original) A tuner as claimed in claim 1, in which said threshold is greater than three times said average.

7. (Original) A tuner as claimed in claim 1, in which said input section comprises a zero intermediate frequency converter.

8. (Currently Amended) A tuner as claimed in claim 1, in which said input section has in-phase and quadrature outputs for supplying said amplitude samples.

9. (Currently Amended) A tuner as claimed in claim 1, in which said input section comprises an analogue/digital converter for forming said amplitude samples as digital samples.

10. (Original) A tuner as claimed in claim 1, comprising a COFDM demodulator.

11. (Currently Amended) A tuner as claimed in claim 1, comprising a fast Fourier transformer for processing said amplitude samples from said corrector.

12. (Currently Amended) A set top box comprising a tuner comprising an input section for converting a radio frequency signal to a sequence in time of amplitude samples [sampled intermediate signal], a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples [of said intermediate signal], a comparator for comparing said amplitude of each of said amplitude samples with said threshold, and a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said threshold, said threshold generator excluding from said average any of said amplitude samples whose amplitude exceeds said threshold.

13. (Currently Amended) A television receiver comprising a tuner comprising an input section for converting a radio frequency signal to a sequence in time of amplitude samples [sampled intermediate signal], a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples [of said intermediate signal], a comparator for comparing said amplitude of each of said amplitude samples with said threshold, and a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said threshold, said threshold generator

excluding from said average any of said amplitude samples whose amplitude exceeds said threshold.

14. (Currently Amended) A television signal recorder comprising a tuner comprising an input section for converting a radio frequency signal to a sequence in time of amplitude samples [sampled intermediate signal], a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples [of said intermediate signal], a comparator for comparing said amplitude of each of said amplitude samples with said threshold, and a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said threshold, said threshold generator excluding from said average any of said amplitude samples whose amplitude exceeds said threshold.